

ABSTRACT

A method of cutting a rare-earth alloy with a wire saw 20, obtained by fixing abrasive grains 24 on a core wire 22 with a resin layer 26, includes the step of moving the wire saw while a portion of the rare-earth alloy being machined with the wire saw is immersed in a coolant, which is mainly composed of water and has a surface tension of 25 mN/m to 60 mN/m at 25 °C, thereby cutting the rare-earth alloy. In the wire saw, an average distance between two of the abrasive grains, which are adjacent to each other in a length direction, is 150% to less than 400% of the average grain size of the abrasive grains, an average height of portions of the abrasive grains, protruding from the surface of the resin layer, is 70% or less of the average grain size of the abrasive grains, and a thickness deviation percentage of the resin layer with respect to the core wire is 40%.